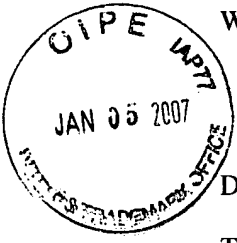


01-08-06

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Attn: Mr. Behrooz Senfi, Art Unit 2621
Commissioner of Patents and Trademarks
Washington, D.C. 20231



January 05, 2007

Dear Mr. Senfi:

This communication is in regard to Patent Application Serial No. 10/006,444 entitled "Optimizations for Live Event, Real-time, 3D Object Tracking."

In response to your Office Action dated September 6, 2006, please cancel Claims 50-96 and enter the new Claims 97-124, as provided on the Attached document titled "Canceled Claims and New Claims to be Entered." (Note that claims 1 through 49 had already been cancelled in prior responses to the Office.)

With respect to the Office Action, the following list outlines the sections of my response:

1. A summary of major differences between my teachings and that of Sengupta;
2. Review of two comparison figures drawn to highlight the differences between Sengupta and my teachings and claims;
 - a. PLEASE NOTE: The attached comparison figures accompany this official response and are not intended to be included in the present application, either as "Replacement Sheets," "New Sheets," or "Annotated Sheets." They do not introduce new subject matter and are only offered in support of the arguments herein provided.
3. A discussion of the changes incorporated into new claims 97 through 124; especially how they differentiate my invention from the referenced art, and
4. Summary arguments for the allowance of the revised claims.

(1) A summary of the major differences between Sengupta and my teaching:

Please note the following concerning the references provided supporting Aman in the table below. First, they are taken from two sources:

- The original "Multiple Object Tracking System," U.S. Patent No. 6,567,116 B1 filed on Nov. 20, 1998 and issued on May 20, 2003 – these references begin with "*" and are **bolded**;
- The current specification entitled "Optimizations for Live Event, Real-time, 3D Object Tracking," which is a continuation in part of U.S. Patent No. 6,567,116 B 1 – these references begin with "**"

Teaching	Sengupta	Aman
A. Multi-camera "Figure / Centroid" Tracking System	• Operates within predefined area; (Col 1: 12-15)	• (same); (* Col 10: 42-44), (** pg. 6, 1 st paragraph), (** pg. 46, paragraph 3)
	• Operates during predefined time; (Col 1: 25-28)	• (same); (* Col 15: 47-51), (* Col 20: 61-65), (** pg. 10, paragraph 2)
	• No specified or inherent grouping of cameras; (Col 3: 8-11)	• Two specific and distinct sets of cameras; • 1 st Set is all fixed cameras for X, Y tracking; (* Col